

Amendments to the Specification

Please replace paragraphs 3, 9, 58, 82, 91, 99, 101, 105, 106, 109 and 112 with the following rewritten paragraphs:

[0003] In recent years, more people use the computer communication network, which can receive and send various data via the more networked Internet by connecting LAN (Local Area Network) to a communication line. In case of using the communication network like this, uses can communicate with computers all over the world ~~as well as in Japan~~ by only bearing the communications cost (connection fees and communications fee to ISP (Internet Service Providers)) to the nearest ISP.

[0009] The gateway device 300 demodulates the received analogue audio signal from the facsimile device 100 to image data, and converts this to TIFF format (Tagged Image File Format) that is a general image format used in computers. Moreover, the specification of TIFF is open to the public by Adobe System Co., and the corresponding classes are defined in order to deal with various data of not only black and white but also multivalued monochrome and full color and the like. The G3-type image data is defined in the CLASS F, one of those classes. Accordingly, the receiving image data from the facsimile device 100 can be converted to TIFF format by doing the relatively easy process such as to put the TIFF header information of CLASS F to the beginning of the image data. Hereafter, the facsimile image data attached to the TIFF header information of CLASS F is called "TIFF image data".

[0058] An operation part 8 is equipped with alphabet ~~key~~ keys, ten ~~key~~ keys (numeric ~~key~~ keys), one-touch dial key, abbreviated dial key and various function ~~key~~ keys for operating the facsimile devices FAX1 and FAX2. The scanning part 9 scans the copy image by using a scanner like CCD image sensor, for example.

[0082] A dedicated line interface 3a is the communication interface for controlling the connection between the dedicated line ~~using~~ used to connect to the Internet NTW and the facsimile device FAX1a. The data protocol-converted by T.38 conversion part 12a and SMTP conversion part 14a can be transmitted and received among the communication devices such as the gateway device GTW connected to the Internet NTW via this communication interface.

[0091] An operation part 8a is equipped with alphabet ~~key~~ keys, ten ~~key~~ keys (numeric ~~key~~ keys), one-touch dial key, abbreviated dial key and various function ~~key~~ keys for operating the facsimile device FAX1a. A scanning part 9a scans the copy image by the scanner such as CCD image sensor.

[0099] On the other hand, in case of judging that the beginning number is "*" in the step S204, it is confirmed that the transmission process using the Internet NTW is implemented with reference to the ~~forth~~ fourth corresponding table 54. Moreover, the IP address of the gateway device GTW installed in the area corresponding to the aforementioned area code is acquired with reference to the area code of the destination number (facsimile number) accepted in the step S201 and the third corresponding table 53 (S206). Moreover, image data stored in the image memory 6 and the destination number is transmitted to the aforementioned gateway device GTW according to ITU T.38 recommendation or SMTP using the Internet NTW by designating the acquired IP address as the destination address (S207).

[0101] In case that the aforementioned gateway device GTW receives the image data transmitted like this, the gateway device GTW transmits the image data to the facsimile device FAX2 via the public switched telephone network PSTN according to T.30 mentioned above, based on the received destination number by

modulating the received digital signal to the analogue signal if the communication by T.38 protocol is implemented. Moreover, if the communication by SMTP is implemented, the gateway device GTW converts the received email text data to the binary data, and ~~more~~ further modulates it to the analogue audio signal by converting to the facsimile image data, based on the received destination number, the data is transmitted to the facsimile device FAX2 via the public switched telephone network PSTN according to the T.30 mentioned above. Therefore, the facsimile device FAX2 that is the terminal destination can receive the image data.

[0105] Moreover, in case of using the Internet NTW, as there is not much creditability in the communication via the Internet NTW, it is highly probable that the transmission process of image data is not completed properly compared with the case of using only the public switched telephone network PSTN. However, as mentioned above, the facsimile device FAX1a in the embodiment 3 of the present invention can be surely ~~completed~~ complete the transmission process as image data is retransmitted using the public switched telephone network PSTN automatically if image data is not transmitted properly in case of using the Internet NTW.

[0106] The facsimile device FAX1a in the embodiment 4 of the present invention stores the fifth corresponding table 55 shown in FIG. 11 instead of the ~~forth-corresponding~~ fourth-corresponding table 54 in the embodiment 3, in the proper area of RAM5. This fifth corresponding table 55 shows the relation among the abbreviated number or the one-touch dial, etc., the destination number ~~corresponded~~ corresponding to the abbreviated number or one-touch dial, the destination name ~~corresponded~~ corresponding to the destination number and the available communication network. This fifth corresponding table 55 can be deleted, updated and added by users' operation, as well as that of the third and the ~~forth~~ fourth corresponding tables 53 and 54 in the embodiment 3.

[0109] In the case of embodiment 3, the extension number or the facsimile number is accepted as the destination number of the facsimile device FAX2 from users in the step S201, however the abbreviated number ~~corresponded~~ corresponding to the extension number or the facsimile number other than these numbers may also be accepted in the case of the embodiment 4. Moreover, in the case of the embodiment 3, "0" or "*" may be attached to the destination number as the beginning number, however the beginning number like that is not attached in the case of the embodiment 4.

[0112] Moreover, in the above-mentioned third and ~~forth~~ fourth embodiments, communication through the computer communication network (Internet) between the facsimile device FAX1b and the gateway device GTW is implemented by either T.38 or SMTP protocol, however communication is not confined to these protocols and the other protocol can be available if the facsimile image data can be received and transmitted.

Please replace the Abstract with the following rewritten abstract:

A facsimile device for transmitting an image data, using the a computer communication network via such as the Internet ~~without users doing the confusing operation~~. A transmitting side facsimile device FAX1a determines ~~that which network is used among between~~ whether the Internet NTW ~~and or~~ the public switched telephone network PSTN is used, by confirming whether ~~or not the~~ information showing to use the Internet NTW is attached to the facsimile number of the destination facsimile device FAX2 (S103). ~~In case of determining to use the Internet If~~ If NTW (YES by S103) is used, image data ~~that is a transmission copy~~ transmitted to the gateway device GTW1 and the facsimile number of ~~the destination facsimile device FAX2 are transmitted (S104)~~. Moreover, ~~the facsimile device is provided, which users~~ Users can easily select a requested communication network. ~~A transmitting side facsimile device FAX1a discriminates the beginning~~

number attached in the beginning of the destination number input by users (S204) and confirms ~~that which network is used in sending image data among~~ whether the internal network K, ~~the public switched telephone network PSTN and the Internet or NTW is used in sending image data.~~ ~~In case that the use of the Internet~~ If NTW (S204: "*") is ~~determined~~ used, the IP address of the nearest gateway device GTW in ~~the destination facsimile device FAX2 is acquired (S206) and an image data that is a transmission copy~~ and the destination number is transmitted by designating the IP address as a destination (S207).